Akshat Parate

Software Developer
Artificial Intelligence and Data Science
Jai Narain College Of Technology, Bhopal

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EDUCATION

- **Jai Narain College Of Technology, Bhopal** — *2023-27*
  Bachelor of Technology in Artificial Intelligence and Data Science — CGPA: 7.02

- **M.L. Memorial Hr. Sec. School - 12th Standard** — *2023*
  Board of Secondary Education, Madhya Pradesh — Percentage: 80

- **M.L. Memorial Hr. Sec. School - 10th Standard** — *2021*
  Board of Secondary Education, Madhya Pradesh — Percentage: 85

PROJECTS

- **My Portfolio**   *HTML, CSS, JavaScript, JSON, AppScript, GSAP*   ⌗ Source Code
  – My personal portfolio website, created to showcase my journey, skills, and projects in software development and AI. It reflects my expertise in full-stack development using Java, Spring Boot, React, MySQL, and modern web technologies. The site highlights innovative, user-friendly applications that demonstrate problem-solving and creativity.

- **Obys Agency Clone**   *HTML, CSS, JS, GSAP.*   ⌗ Source Code
  – A clone of the Obys Agency website, built to replicate its modern design, smooth animations, and creative layout. Developed with HTML, CSS, and JavaScript, it focuses on delivering pixel-perfect design, interactive effects, and responsive UI while showcasing skills in front-end development and web animations.

- **NextHit: Movies Hub**   *HTML, CSS, JavaScript, JSON, AppScript*   ⌗ Source Code
  – NextHit – A Movies Hub, a complete platform for exploring and discovering movies. It includes features like a dynamic movie slider, powerful search bar, categorized movie collections, and responsive design for seamless use across devices. Built with HTML, CSS, and JavaScript, NextHit delivers an engaging, user-friendly, and modern movie browsing experience.

- **K72 Clone**   *React.Js, Vite, Tailwind CSS, HTML*   ⌗ Source Code
  – A clone of the K72 digital agency website, recreated with React.js to mirror its bold, creativity-driven, and avant-garde design. The project replicates smooth animations, striking typography, interactive hover effects, and expansive scroll-driven layouts, delivering a responsive and immersive front-end experience that showcases modern React development skills.

ACHIEVEMENTS & COMPETITIVE PROGRAMMING

- **1500+ problems solved in Dynamic Programming across competitive programming platforms.**

- **1200+ problems solved in Graph Algorithms, including shortest paths, MST, and network flows.**

- **600+ implementations of Segment Trees and related range query data structures.**

- **800+ applications of Advanced Data Structures like Tries, Heaps, and Disjoint Set Union (DSU).**

- **1000+ problems solved using Greedy Algorithms and optimization techniques.**

- **500+ problems solved involving Bitmasking and combinatorial algorithms.**

- **400+ problems solved using Divide and Conquer and Binary Search techniques.**

INTERNSHIP

- **Google – Google for Developers.** — *Apr-Jun 2025*
  Android Developer Virtual Internship — Remote
  – Work on Real-World Products: Contribute to core Android applications or features used by millions globally, such as optimizing app performance, UI/UX enhancements, or integrating new APIs.
  – Mentorship and Learning: Collaborate with experienced Google engineers through code reviews, stand-ups, and tech talks; access exclusive internal documentation and development tools.
  – Remote-First Flexibility: Participate in a structured virtual internship with flexible hours, remote onboarding, and regular virtual events to stay connected with teams across the globe.
  – Cutting-Edge Technology Exposure: Gain hands-on experience with the latest Android tools, Jetpack libraries, Kotlin, and AI/ML integrations within mobile apps, aligning with Google's engineering best practices.

- **Google – Google for Developers.**   *Jan-Mar 2025*
  AI-ML Virtual Internship   Remote
  - Hands-On AI/ML Projects: Work on real-world AI/ML problems such as building predictive models, natural language processing pipelines, or computer vision applications.
  - Data Handling & Modeling: Preprocess large datasets, implement machine learning algorithms, and optimize models for performance and accuracy.
  - Mentorship and Collaboration: Collaborate with experienced Google engineers through code reviews, virtual stand-ups, and knowledge-sharing sessions.
  - Cutting-Edge Tools & Frameworks: Gain experience with TensorFlow, PyTorch, Google Cloud AI tools, and other industry-standard ML frameworks.
  - Research & Innovation Exposure: Explore AI/ML research papers, experiment with novel algorithms, and contribute to prototypes aligning with Google's AI initiatives.

Technical Skills and Interests

Languages: C++, Python, Java, Javascript.
Libraries : NumPy, Pandas, Matplotib, React, Node.js, Express, Spring Boot, Hibernate, JUnit.
Web Dev Tools: VS Code, Tailwind CSS, ReactJS, Git, Github, Netlify, Vercel, Render.
Frameworks: ExpressJs, Spring Boot, Flask, Django, ReactJS, Next.js.
Cloud/Databases: MongoDb, Firebase, Relational Database(MySQL).
Relevent Coursework: Design and Analysis of Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering, System Design, Data Science and Artificial Intelligence, Machine Learning, Computer Networks, Web Development.
Areas of Interest:Web Design and Development, Frontend Development, Backend Development, Full-Stack Development, Data Structures & Algorithms, Software Engineering, Cloud Computing, Data Science, Artificial Intelligence, Machine Learning, Generative AI, Agentic AI, Computer Vision, Natural Language Processing.
Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability, Team Management, Leadership, Communication, Critical Thinking, Time Management, Collaboration, Creativity, Decision Making.

Positions of Responsibility

- **Event Manager,** E-SPORTS Tournament - JNCT, Bhopal   *2024*

Served as the Event Manager for the live eSports tournament at JNCT College, handling end-to-end planning, team coordination, match scheduling, and real-time execution. Led a team to manage logistics, technical setup, and ensured a seamless competitive gaming experience for participants and audience alike.